

Medical Laboratory Science Program

Medical Laboratory Scientists

> Skills:

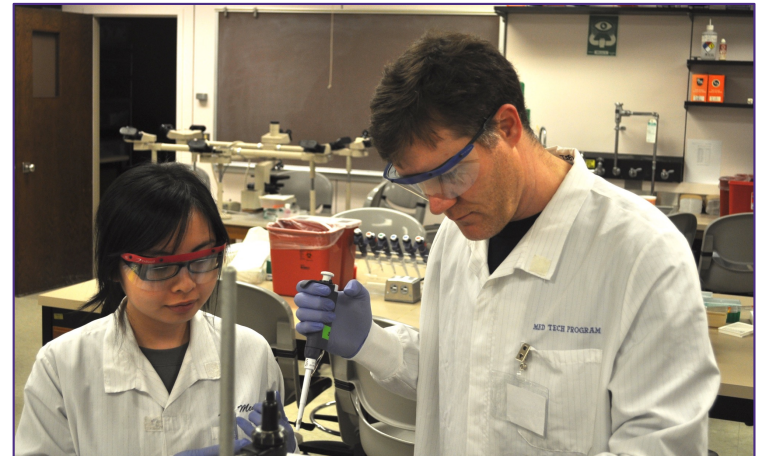
- *Integrate science, medicine, and technology*

> Daily Role:

- *Help clinicians diagnose and treat disease*

> Career:

- *Rewarding*
- *Flexible*
- *Team-oriented*
- *Intellectually stimulating*



What will my degree be worth?

UW Medicine System

MLS Trainee: \$80,088-\$104,748 per year.

There are 4 criteria Trainees need to meet to move to MLS and then you get promoted to...

MLS 1: \$88,488-\$109,032 per year

Currently UW Med offering \$3,000-\$5,000 new hire bonuses



Where do UW MLS graduates work?

Class of 2023: 24 of 27 employed w/in 3 months of graduation
(still counting...)

Biotech Co - 1

Harborview Medical Center, Seattle – 3

MLS, unknown location - 1

Multicare, Tacoma General – 1

OHSU, Portland - 1

Quest Diagnostics - 1

Seattle Children's Hospital – 3

Swedish Medical Center (BWNW), Seattle – 2

UW Medical Center – Montlake – 9

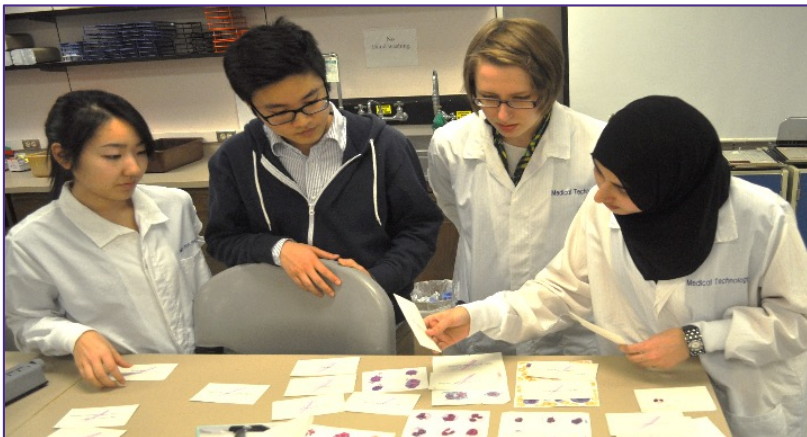
UW Medical Center – Northwest – 1

Virginia Mason Medical Center – 1



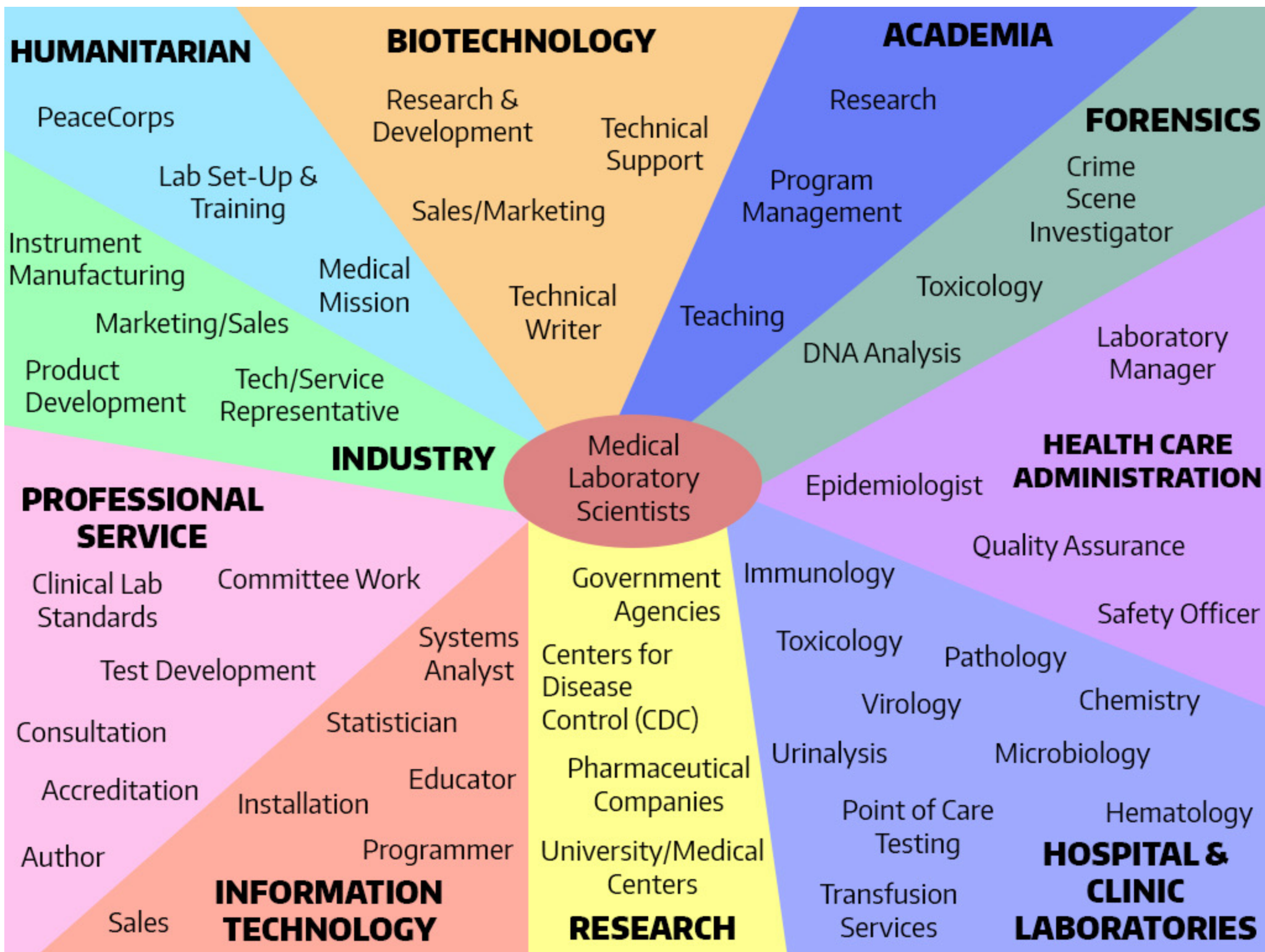
MLS Disciplines

- > Chemistry
- > Hematology/Coagulation
- > Microbiology
- > Transfusion Medicine



- > Immunology
- > Urinalysis
- > Molecular/Genetics
- > Laboratory Operations





Bachelor of Science (B.S.) Program

> 2+2 Program

- First two years:

- > Pre-Professional Phase

- 90 quarter credits of prerequisite and general education coursework

+

- Final two years:

- > Professional Phase (7 consecutive quarters)

- Didactic Year (4 quarters) and Clinical Internship Year (3 quarters)

= 4-year B.S. degree



Pre-Professional Prerequisites

General Biology (BIOL 180, 200, 220)

Human Biology (BIOL 118): starting application cycle 2025, this course will no longer be required. It's still required in 2024.

General Chemistry (CHEM 142, 152, 162)

Organic Chemistry (CHEM 237 or 223): 1 quarter/lab NOT required

Statistics (any 5-credit quarter/3-credit semester course)

General Education Coursework* (req'd for graduation):

- Composition
- 7 additional Writing (W) credits
- 10 Arts & Humanities, 10 Social Sciences, and 3 Diversity credits

Note: Take entire series at the same educational institution.

*General Education requirements DO NOT apply to Post-bacs.



Application Process

Note: All applicants must have completed a minimum of 90 quarter credits. Applicants must also have a minimum 2.0 cumulative AND science GPA.

- > **Apply online by February 15th**
- > **Components:**
 - Completed application form(s):
 - > Postbaccalaureate and Transfer Students (includes UW-Tacoma/Bothell) must **apply to UW-Seattle** AND the MLS Program in two separate online applications.
 - Personal Statement (fit, experience, goals, etc.)
 - Unofficial Transcripts from ALL colleges/universities attended (including UW students). Official transcripts are required upon admission to the major.
 - One **Recommendation Form**
 - 30-minute Interview* – typically in April

*(not all applicants receive an interview, but all admitted applicants will)



Frequently Asked Questions

- > **What's the average GPA of people who get in?**
 - **Students Admitted in 2023:**
 - > **Admitted Cum. GPA: 3.62**
 - Range: 2.81-3.98
 - > **Admitted Science. GPA: 3.46**
 - Range: 2.81-4.00
- > **When do I have to complete my prerequisites?**
 - Must be completed before entering the program, but can be in-progress during the application process.
- > **How many people apply each year?**

Year	Applied	Admitted
2021	121	35
2022	96	35
2023	95	36

MLS Program – Didactic (First Year)

Autumn Quarter:

BIOC 405	Biochemistry
LABM 301/302	Intro. to MLS
IMMUN 441	Immunology

Spring Quarter:

LABM 418	Clinical Chemistry
MICROM 460/461	Mycology & Parasitology
MICROM 445	Virology

Winter Quarter:

LABM 430	Hematology
LABM 435	Molecular Diagnostics
MICROM 442	Bacteriology
MICROM 443	Bacteriology Lab

Summer Quarter:

LABM 419	Coagulation
LABM 420	Urinalysis
LABM 421	Medical Microbiology



MLS Program – Internship (Final Year)

First 6 weeks of Autumn Quarter:

LABM 426 – Immunohematology. Last didactic (lecture/lab) course

LABM 427 – Senior Seminar. The only non-science course in the program. Focus is career development.

Autumn, Winter & Spring Clinical Rotations:

LABM 423 – Clinical Chemistry Rotation (5 weeks)

LABM 424 – Clinical Microbiology Rotation (5 weeks)

LABM 425 – Clinical Hematology Rotation (5 weeks)

LABM 431 – Transfusion Medicine Rotation (5 weeks)

LABM 433 – Research Rotation

LABM 436 – Molecular Diagnostics Rotation

Notes:

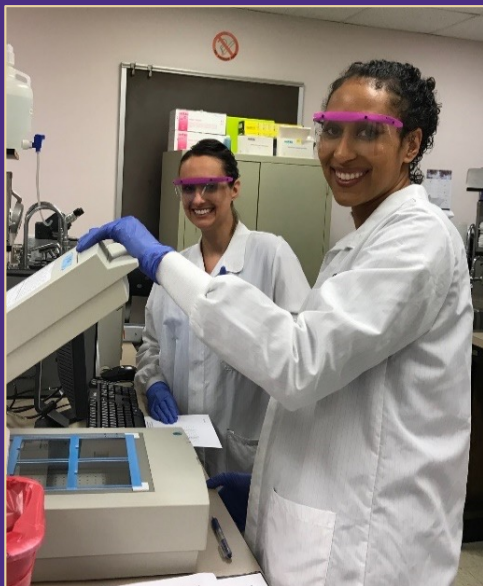
1. We assign clinical rotations, which can take place all over the Puget Sound.
2. Some clinical rotation sites may require drug testing.



Tuition, Fees & Logistics

- > MLSP is 7 quarters in length (mandatory summer quarter between first and second year).
- > Full-time WA state resident students (2023-24) = **\$4,215 per quarter** current UW undergrads, transfers and Postbacs
- > Full-time non-resident students (2023-24) = **\$13,999 per quarter** current UW undergrads, transfers and Postbacs
 - UW determines resident and non-resident tuition, not the MLSP.
- > [Additional tuition information available here.](#)
- > No lab fees for the LABM Classes, but possibly for the MICROM classes.

Student Lab



UNIVERSITY of WASHINGTON

Congratulations Class of 2023!



Contact Us

Please feel free to reach out if you have questions or want to schedule an in-person or online advising appointment!

- > **Email:** *medtech@uw.edu*
- > **Website and Application:**
<https://dlmp.uw.edu/education/mls-undergrad>
- > **Location:** *UW Medical Center – Montlake, NW 120*